

Module Handbook

TUK MODHB Homepage

Course of Study "Mathematics" (ZEP LaBBS)

[MAT-B5.105-SG]

Department	[MAT] Mathematik
Degree	[ZEP LaBBS] Zertifikat Erweiterungsprüfung Lehramt an Berufsbildenden Schulen
Course of Study	Mathematics
Short Name	ZEP LaBBS Mathematics
State	[NORM] Active
Additional informations	Examination regulations [DE] Homepage of the Course of Study [DE]

Section *Compulsory Modules*

Compulsory Modules

P	MAT-20-00-M-2	Specialised Scientific and Didactic Requirements	6.0 CP
P	MAT-12-10L-M-2	Fundamentals of Mathematics C: Geometry, Elementary Algebra and Number Theory	10.0 CP
P	MAT-20-10L-ERW-M-3	Teaching Methodology in Mathematics	7.0 CP
P	MAT-22-00-ERW-M-5	Development of Mathematics in Longitudinal and Cross Sections	9.0 CP

Only students who have already passed one of the modules **[MAT-10-11-M-2]** "*Fundamentals of Mathematics A: Linear Algebra I and Analysis I*" or **[MAT-10-12L-ERW-M-2]** "*Fundamentals of Mathematics B: Linear Algebra II and Analysis II*" may take the module examination for this advanced module.

Section *Compulsory Elective Modules*

Compulsory Elective Modules

In this section

- exactly one of the modules **[MAT-10-11-M-2]** or **[MAT-10-12L-ERW-M-2]** (each 15 CP) and
- exactly one of the modules **[MAT-14-00-ERW-M-3]** and **[MAT-14-14L-ERW-M-3]** (each 12 CP)

must be completed.

WP	MAT-10-11-M-2	Fundamentals of Mathematics A: Linear Algebra I and Analysis I	15.0 CP
WP	MAT-10-12L_ERW-M-2	Fundamentals of Mathematics B: Linear Algebra II and Analysis II	15.0 CP
WP	MAT-14-00_ERW-M-3	Mathematics as a Potential for Solving Problems A: Modelling and Applied Mathematics	12.0 CP
WP	MAT-14-14L_ERW-M-3	Mathematics as Solution Potential B: Introduction to Stochastics	12.0 CP